

WHAT IS CLAIMED:

1 1. A method for enhancing fibroblast migration
2 at a wound site comprising:
3 contacting the wound site with a fibrinogen
4 preparation, wherein the fibrinogen preparation includes
5 a lipid rich component.

1 2. A method according to claim 1 wherein the
2 fibrinogen preparation further comprises fibrinogen
3 prepared by a process which comprises precipitating
4 plasma with glycine.

1 3. A method according to claim 2 wherein the
2 fibrinogen preparation further comprises a growth factor,
3 an extracellular matrix material, or mixtures thereof.

1 4. A method according to claim 2 wherein the
2 precipitating is carried out by a process which
3 comprises:
4 adding glycine to plasma to produce a
5 precipitate and a supernatant;
6 dissolving the precipitate in a buffer to
7 produce a solution; and
8 precipitating the solution by adding glycine to
9 the solution.

1 5. A method according to claim 2 wherein the
2 fibrinogen is prepared by a process comprising:
3 precipitating plasma with glycine to produce a
4 first precipitate and a first supernatant;
5 dissolving the first precipitate in a buffer to
6 produce a first solution;

7 precipitating the first solution by adding
8 glycine to the first solution to produce a second
9 precipitate and a second supernatant;
10 dissolving the second precipitate in a buffer
11 to produce a second solution; and
12 precipitating the second solution by adding
13 ammonium sulfate to the second solution to produce a
14 third precipitate and a third supernatant.

1 6. A method according to claim 5 wherein the
2 third supernatant comprises a lipid rich layer.

1 7. A method according to claim 6 wherein the
2 third supernatant is further treated to produce the lipid
3 rich component.

1 8. A method according to claim 7 wherein the
2 third supernatant is precipitated to produce the lipid
3 rich component.

1 9. A composition comprising:
2 a lipid rich component and
3 fibrinogen.

1 10. A composition according to claim 9 wherein
2 the fibrinogen has a purity of above 95%.

1 11. A composition according to claim 9 wherein
2 the fibrinogen has a purity of about 99%.

1 12. A composition according to claim 9 wherein
2 the fibrinogen is prepared by a process which comprises
3 precipitating plasma with glycine.

1 13. A composition according to claim 12
2 wherein the fibrinogen is prepared by a process which
3 comprises:

4 precipitating plasma with glycine to produce a
5 first precipitate and a first supernatant;

6 dissolving the first precipitate in a buffer to
7 produce a first solution;

8 precipitating the first solution by adding
9 glycine to the first solution to produce a second
10 precipitate and a second supernatant;

11 dissolving the second precipitate in a buffer
12 to produce a second solution; and

13 precipitating the second solution by adding
14 ammonium sulfate to the second solution to produce a
15 third precipitate and a third supernatant.

1 14. A composition according to claim 9 wherein
2 the lipid rich component is prepared by a process which
3 comprises precipitating plasma with glycine.

1 15. A composition according to claim 14
2 wherein the lipid rich component is prepared by a
3 process which comprises:

4 precipitating plasma with glycine to produce a
5 first precipitate and a first supernatant;

6 dissolving the first precipitate in a buffer to
7 produce a first solution;

8 precipitating the first solution by adding
9 glycine to the first solution to produce a second
10 precipitate and a second supernatant;

11 dissolving the second precipitate in a buffer
12 to produce a second solution;

13 precipitating the second solution by adding
14 ammonium sulfate to the second solution to produce a
15 third precipitate and a third supernatant; and
16 precipitating the third supernatant to produce
17 the lipid rich component.